

IN THE CLAIMS

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL 2-4, 6, 9, 11 and 20-47, AMEND claims 1, 7, 10, and 14 and ADD new claims 48 and 49 in accordance with the following:

1. (Currently Amended) An optical element comprising:

a base member that is a glass lens; and

a resin layer formed on the surface of the base member and comprising a cured product of a photosensitive resin composition having a polyfunctional (meth)acrylate, wherein said resin composition has a refractive index before polymerization curing of 1.52 or more, and wherein said resin layer has at least one of the following features:

~~(a) a refractive index of 1.55 or more,~~

~~(b) a visible light inner transmittance of 95% or more in a 100 μm thick area,~~

~~(c) a rate of hygroscopic dimensional change of 0.4% or less,~~

~~(d) a durometer hardness of HDD 70 or more; and~~

~~(e) a glass transition temperature of 95°C or above~~

wherein said polyfunctional (meth)acrylate has two or more benzene ring structures in one molecule.

Claims 2-4 (Cancelled)

5. (Previously Presented) The optical element according to claim 1, wherein said resin layer having a gel percentage of 95% or more.

6. (Cancelled)

7. (Currently Amended) The optical element according to claim 1, wherein said photosensitive resin composition having~~has~~ a rate of shrinkage on curing of 7% or less.

8. (Previously Presented) The optical element according to claim 1, wherein said resin composition comprises:

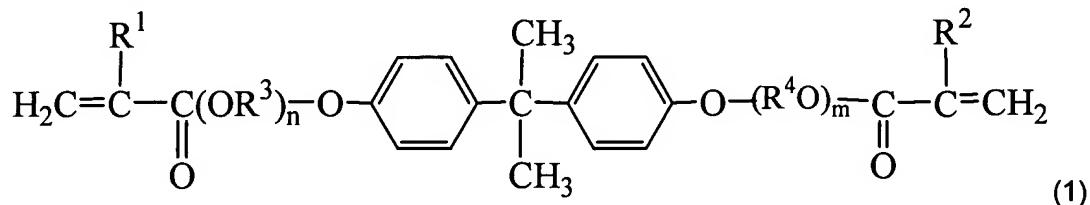
- (A) a polyfunctional (meth)acrylate;
- (B) a polyfunctional urethane-modified (meth)acrylate; and
- (C) a photopolymerization initiator.

9. (Cancelled)

10. (Currently Amended) The optical element according to claim 8, wherein said polyfunctional (meth)acrylate has a refractive index before polymerization curing[[,]] of 1.53 or more.

11. (Cancelled)

12. (Previously Presented) The optical element according to claim 8, wherein said resin composition comprising, as at least a part of said polyfunctional (meth)acrylate, a di(meth)acrylate represented by the following Formula (1):

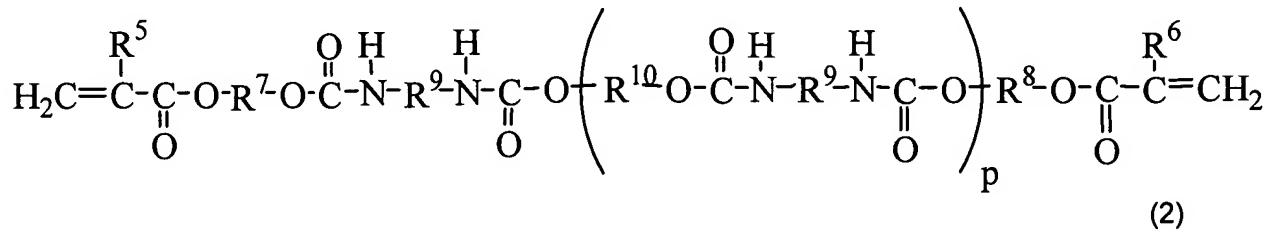


wherein R1 and R2 are each a hydrogen atom or a methyl group, R3 and R4 are each a hydrocarbon group having 2 to 4 carbon atoms, and m and n are each an integer of 1 or more.

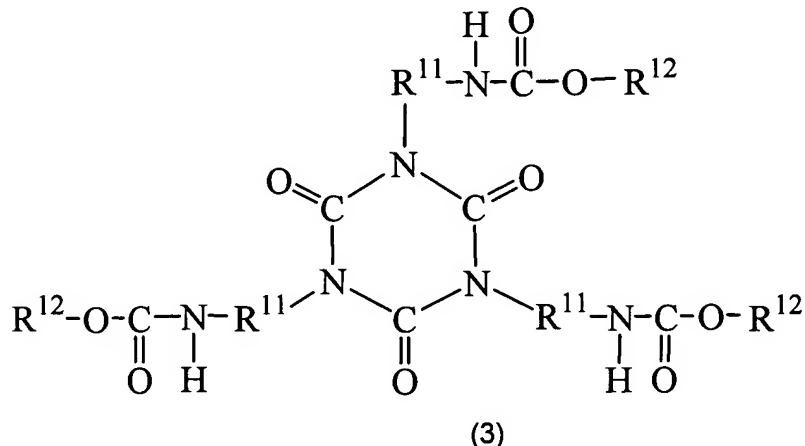
13. (Currently Amended) The optical element according to claim 8, wherein said polyfunctional (meth)acrylate has a molecular weight before polymerization curing[[,]] of 1,000 or less.

14. (Currently Amended) The optical element according to claim 8, wherein said polyfunctional urethane modified (meth)acrylate has a refractive index before polymerization curing[[,]] of 1.48 or more.

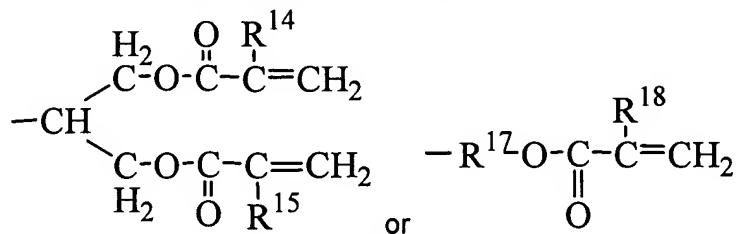
15. (Previously Presented) The optical element according to claim 8, wherein said polyfunctional urethane modified (meth)acrylate contains at least one of compounds represented by any of the following Formulas (2) to (4):



wherein R^5 and R^6 are each a hydrogen atom or a methyl group, R^7 and R^8 are each a hydrocarbon group having 1 to 10 carbon atoms, R^9 is an isocyanate residual group, R^{10} is a polyol residual group or a polyester residual group, and p is 0 or an integer of 10 or less



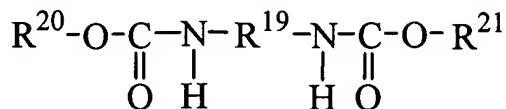
wherein R^{11} is a hydrocarbon group having 1 to 10 carbon atoms, and R^{12} is



or

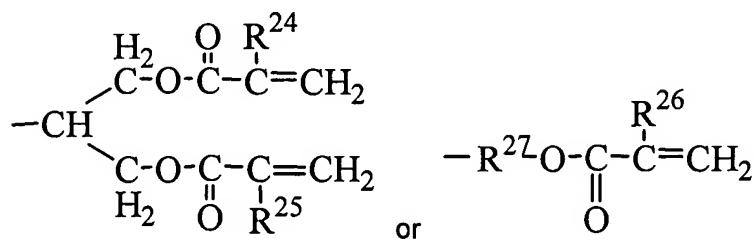
wherein R^{14} , R^{15} and R^{18} are each a hydrogen atom or a methyl group, and R^{17} is a hydrocarbon

group having 1 to 10 carbon atoms;



(4)

wherein R^{19} is a hydrocarbon group having 1 to 10 carbon atoms, and R^{20} and R^{21} are each



wherein R^{24} , R^{25} and R^{26} are each a hydrogen atom or a methyl group, and R^{27} is a hydrocarbon group having 1 to 10 carbon atoms.

16. (Previously Presented) An optical article having the optical element according to claim 1.

17. (Original) The optical article according to claim 16, wherein;
said optical element is a lens; and
said optical article is a still camera.

18. (Original) The optical article according to claim 16, wherein;
said optical element is a lens; and
said optical article is a video camera.

19. (Original) The optical article according to claim 16, wherein;
said optical element is a lens; and
said optical article is an interchangeable lens.

Claims 20-47 (Cancelled)

48. (New) The optical element according to claim 1, wherein said resin composition has a refractive index before polymerization curing of 1.52 or more.

49. (New) The optical element according to claim 1, wherein said resin layer has at least one of:

- (a) a refractive index of 1.55 or more,
- (b) a visible light inner transmittance of 95% or more in a 100 μm thick area,
- (c) a rate of hygroscopic dimensional change of 0.4% or less,
- (d) a durometer hardness of HDD 70 or more, or
- (e) a glass transition temperature of 95°C or above.